Special Issue

Effects of Emerging Contaminants to Marine Organisms: In Vitro and In Vivo Studies

Message from the Guest Editors

Emerging contaminants are a large group of substances—mainly synthetic—that can enter coastal marine ecosystems. To this class of contaminants belong, for example, pharmaceuticals and personal care products, nanomaterials, microplastics, pesticides/herbicides, and industrial chemicals. Despite their widespread and increasing use, however, for most of these compounds, information concerning transfer, environmental levels, fate, and toxicological effects to marine organisms is limited. Potential adverse effects of emerging contaminants to marine organisms, from molecular aspects and cell functionality to physiological performance and organism health, deserve a particular focus with a view to preventing the loss of biodiversity and ecosystem services. In this Special Issue, we call for review and original research papers that pay attention to the effects of emerging contaminants to marine organisms (vertebrates, invertebrates, plants, microalgae). Results of both in vitro and in vivo studies are welcome.

Guest Editors

Assoc. Prof. Dr. Maria Gabriella Marin
Department of Biology, University of Padova, Via Ugo Bassi 58/B, 35131 Padova, Italy

Prof. Dr. Valerio Matozzo
Department of Biology, University of Padova, Via Ugo Bassi 58/B, 35131 Padova, Italy

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Journal of Marine Science and Engineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

mdpi.com/journal/jmse

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Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (*JMSE*; ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
School of Engineering, The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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